

Facility ID: 0511010050 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0511010050 Emissions Unit ID: P001 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P001 - Cement Silo for the Storage of Bulk Cement	OAC rule 3745-31-05(A)(3) and PTI 05-11039	See A.2.a The fabric filter shall achieve an outlet emission rate of not greater than 0.02 grain of particulate emissions (PE) per dry standard cubic foot of exhaust gases or there shall be no visible emissions from the outlet, whichever is less stringent. 0.47 TPY particulate emissions (PE)
	OAC rule 3745-17-07(A)	The emission limitation specified by this rule is less stringent than the emission limitation established OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11(A)	The emission limitation specified by this rule is less stringent than the emission limitation established OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The silo shall be adequately enclosed and vented to a fabric filter; the enclosure shall be sufficient to eliminate visible emissions of fugitive dust.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform daily checks while the equipment is in operation for any visible particulate emissions from the fabric filter control system. The presence or absence of any visible emissions from the fabric filter control system shall be noted in an operations log. If any visible emissions are observed, corrective actions shall be taken to eliminate the visible emissions and these actions shall also be noted in the operations log.

D. Reporting Requirements

1. The permittee shall submit quarterly reports which identify all days which any visible particulate emissions were observed from the fabric filter control system and describe the corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted in accordance with B.2. of the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emissions limitations(s) specified in Section A.1. of these terms and conditions shall be determined in accordance with the following methods(s):
Emission Limitation -
0.02 grains/dscf

Applicable Compliance Method -
If required, compliance with the mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(7).
Emission Limitation -
0.47 TPY Particulate Emissions

Applicable Compliance Method -

Compliance shall be determined by the following:

MPR= maximum production rate in (tons/year);

EF= emission factor from AP-42 Table 11.12-2 (10/86) of 0.27 lb/ton;

CE= control efficiency

$$\text{Emissions} = [(MPR)(EF)(1-CE)(8760 \text{ hr/yr})] / 2000$$

$$\text{Emissions} = [(39.75\text{tons/year})(0.27\text{lb/ton})(1-0.99)(8760\text{hr/yr})] / 2000$$

$$\text{Emissions} = 0.47 \text{ TYP}$$

Emission Limitation -

No visible emissions

Applicable Compliance Method -

If required, compliance shall be determined by visible emission evaluations performed in accordance with the methods and procedures specified in USEPA Method 22.

F. **Miscellaneous Requirements**

1. None